

Application No.: 10/753,719

Docket No.: JCLA12587-R

AMENDMENTS

In The Claims:

Please amend the claims as follows:

1. (currently amended) A capsule endoscope system, adapted to transform an image of a digestive tract into an image data and to transmit the data, comprising:

a capsule type endoscope, having a first transceiver, wherein the capsule type endoscope is adapted to catch the image of the digestive tract and to transform the image into the image data;

a data recorder, having a second transceiver, a third transceiver and a memory, the second and the third transceivers coupled to the memory; and

an image processor, wherein the first transceiver of the capsule type endoscope transmits the image data to the second transceiver of the data recorder, the image data is stored in the memory and directly transmitted to the image processor by the third transceiver in a wireless manner.

2. (previously presented) The capsule endoscope system of claim 1, wherein the transmission between the first and the second transceivers is continuous.

3. (previously presented) The capsule endoscope system of claim 1, further comprising a trigger, disposed in the data recorder or the image processor.

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4. (previously presented) The capsule endoscope system of claim 3, wherein the image processor has a fourth transceiver, adapted to receive the image data transmitted from the third transceiver.

5. (previously presented) The capsule endoscope system of claim 4, wherein the transmission between the third and the fourth transceivers is triggered by the trigger.

6. (previously presented) The capsule endoscope system of claim 1, further comprising a display coupled to the image processor for displaying the image of the digestive tract.

7. (currently amended) A capsule endoscope system, adapted to transform an image of a digestive tract into an image data and to transmit the data, comprising:

a capsule type endoscope, having a first transceiver, wherein the capsule type endoscope is adapted to catch the image of the digestive tract and to transform the image into the image data;

a data recorder, having a second transceiver, a third transceiver and a memory, the second and the third transceivers coupled to the memory;

a fourth transceiver; and

an image processor, wherein the first transceiver of the capsule type endoscope transmits the image data to the second transceiver of the data recorder, the image data is stored in the memory and directly transmitted to the fourth transceiver and the image processor by the third transceiver in a wireless manner.

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8. (previously presented) The capsule endoscope system of claim 7, wherein the transmission between the first and the second transceivers is continuous.

9. (previously presented) The capsule endoscope system of claim 7, further comprising a trigger, disposed in the data recorder or the image processor.

10. (previously presented) The capsule endoscope system of claim 9, wherein the transmission between the third and the fourth transceivers is triggered by the trigger.

11. (previously presented) The capsule endoscope system of claim 7, further comprising a display coupled to the image processor for displaying the image of the digestive tract.

12. (previously presented) The capsule endoscope system of claim 1, wherein the image data is immediately transmitted to the image processor by the third transceiver.

13. (previously presented) The capsule endoscope system of claim 7, wherein the image data is immediately transmitted to the fourth transceiver by the third transceiver.